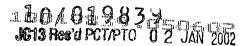
	lki.			
(REV 10-2000)	OMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER  HHI-035US		
TRANSMITTAL LETTER TO THE UNITED STATES		,		
	TED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		
CONCERNING A FILI INTERNATIONAL APPLICATION	NG UNDER 35 U.S.C.371 INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED		
PCT/DE00/02256	04 July 2000 (04.07.00)	07 July 1999 (07.07.99)		
TITLE OF INVENTION	IC AID WITH EDON'T DI ATE	(as amonded)		
APPLICANT(S) FOR DO/EO/US	NG AID WITH FRONT PLATE			
Hans-Dieter BOROWSKY				
Applicant herewith submits to the United	States Designated/Elected Office (DO/EO/U	S) the following items and other information:		
	on of items concerning a filing under 35			
	BSEQUENT submission of items conce			
·	to promptly begin national examination			
=	by the expiration of 19 months from the p			
	al Application as filed (35 U.S.C. 371(c))			
	required only if not communicated by th	e International Bureau).		
	cated by the International Bureau.			
	he application was filed in the United St			
		s filed (35 U.S.C 371(c)(2)) <b>(5 sheets)</b> .		
	s of the International Application under			
a. are attached hereto	(required only if not communicated by t	the International Bureau).		
	nicated by the International Bureau.			
c. have not been made	e; however, the time limit for making su	ch amendments has NOT expired.		
d. A have not been mad	e and will not be made.			
8. An English language trans	slation of the amendments to the claims	under PCT Article 19 (35 U.S.C. 371(c)(3)).		
	the inventor(s) (35 U.S.C. 371(c)(4)). (u			
	slation of the annexes to the Internationa	al Preliminary Examination Report under		
Items 11. to 16. below concern docu	iment(s) or information included:	7		
		8 (2 sheets) with Form PTO-1449 (1 sheet)		
and 2 cited references (3 sheets)		,		
• · · · · · · · · · · · · · · · · · · ·	12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is			
13. A FIRST preliminary amendment (4 sheets) (along with version of markings to show changes				
(2 sheets));				
☐ A SECOND or SUBSEQUENT preliminary amendment.  14. ☐ A substitute specification.				
14.  A substitute specification.				
15. A change of power of atte	orney and/or address letter.			
16. Other items or information: Transmittal Letter (2 sheets in duplicate); International Published Application W/O 01/05190 A2 (without International Search Report) (9 sheets); International Search Report (3 sheets); International Preliminary Examination Report (6 sheets); Check in the amount of \$495 (Filing Fee) based on small entity; Certificate of First Class Mailing (1 sheet); and Return Postcard.				

JC13 Rec'd PCT/PTO 0 2 JAN 2002

J.S. APPLICATION NO. (if known, see 37 CFR 1.5)  INTERNATIONAL APPLICATION NO.  PCT/DE00/02256				ATTORNEY'S DOCKET NO. HHI-035US		
40/0					HHI-035U	
17. End The following fees are submitted:					CULATIO	FIO OSE ONL I
Neither internationa nor international sea	BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ) .(a/o November 1, 2000):  Neither international preliminary examination fee (37 CFR 1.482)  nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  and International Search Report not prepared by the EPO or JPO					
	ninary examination fee ( tional Search Report pr					
international search	ninary examination fee (a fee (37 CFR 1.455(a)(	2)) paid to USPTO	\$710			
but all claims did no	ninary examination fee potential satisfy provisions of	PCT Article 33(1)-(4)	\$690			
	ninary examination fee priced provisions of PCT			<b>***</b>	200	
	ENTER APPROPE	RIATE BASIC FEE A	MOUNT =	\$860	).00	
Surcharge of \$130.00 for months from the earliest	t claimed priority date (	37 CFR 1.492(e)).		\$130	0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	5-20 =	0	X \$18.00	\$		
Independent claims	2-3 =	0	X \$80.00	\$		
MULTIPLE DEPEN	IDENT CLAIM(S) (if a		+ 270.00	\$		
	TOTAL OF ABO	OVE CALCULATION	ONS =	\$990		
Applicant claims sn are reduced by ½.	mall entity status. See 3			\$495	5.00	
		SUBTOTA		\$495	5.00	
	Processing fee of \$130.00 for furnishing the English translation later than $\square$ 20 $\square$ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
	T	OTAL NATIONAL	FEE =	\$		
Fee for recording the end accompanied by an appr	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
	TOTAL FEES ENCLOSED = \$495.00					
	Amount to be: \$ refunded			5		
					charged \$	3
a. Example amount of \$ 495.00 to cover the above fees are enclosed.						
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.						
c. Ex The Commissioner is hereby authorized to charge any additional fees which may be required, or credit						
any overpayment to Deposit Account No. 12-0080 . A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO.  Anthony A. Laurentano, Esq. LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 United States of America (617)227-7400 Date: 02 January 2002						



# IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US) (National Phase of International App.: PCT/DE00/02256, W/O 01/05190 A2)

In re the

application of: Hans-Dieter BOROWSKY

International Application No.: PCT/DE00/02256

International Filing Date: 4 July 2000

U.S. Serial No.: Not Yet Assigned

Filed: Herewith

For: BEHIND THE EAR HEARING AID WITH

FRONT PLATE (amended)

Attorney Docket No.: HHI-035US

#### **BOX PCT**

Commissioner for Patents Washington, D.C. 20231

#### PRELIMINARY AMENDMENT

Dear Sir:

Preliminary to examination of the above-referenced patent application, please amend the enclosed above-titled International patent application as follows.

#### In the Specification:

Page 1, line 1, change the title to "BEHIND THE EAR HEARING AID WITH FRONT PLATE".

Page 1, line 2, after the title, insert the following "Background of the Invention".

Page 1, lines 3-4, please delete "according to the preamble of Claim 1".

Page 1, lines 15-16, please delete the phrase "according to the species".

Page 1, line 17, insert the following title: "Summary of the Invention".

Page 1, lines 18-19, please delete this paragraph.

Page 3, line 1, insert the following title: "Brief Description of the Drawings".

Page 3, line 10, please insert the following title: "Description of Illustrated Embodiment".

### In the Claims

### Please amend claims 1-5 as follows:

- 1. (Amended) A behind the ear hearing aid, comprising a housing having a housing shell, an electronic circuit, a power storage unit, and a multi-function plate designed as a front plate and adapted to couple to the housing shell, wherein the multifunction plate includes an access opening for one of the power storage unit and the electronic circuit.
- 2. (Amended) The hearing aid according to claim 1, wherein the multifunction plate is adapted for use in an in-ear hearing aid and is constructed to match a contour of the housing shell.
- 3. (Amended) The hearing aid according to claim 1, wherein the front plate is matched to the contour of the housing shell in standard production.
- 4. (Amended) The hearing aid according to claim 1, wherein the housing shell and the front plate are joined in a detachable manner.

Attorney Docket No. HHI-035US

5. (Amended) A front plate intended for use in an in-ear hearing aid in a behind-the-ear hearing aid, the front plate being modified such that said front plate matches a contour of a housing of the behind-the-ear hearing aid.

## **REMARKS**

Applicants amend the specification to address minor formal matters, such as introducing appropriate section headers. Applicants also amend the claims to remove multiple dependencies, to provide proper antecedent basis, and to address other matters of form. The foregoing amendments introduce no new matter and are not related to issues of patentability.

Entry of the foregoing Preliminary Amendment is in order and requested.

If there are any questions regarding the proposed amendments to the application, we invite the Examiner to call Applicants' representative at the telephone number below.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Anthony A. Ladrentano Registration No. 38,220

Attorney for Applicants

28 State Street Boston, MA 02109 (617) 227-7400

Date: 02 January 2002

### **Version With Markings To Show Changes Made**

#### In the Specification

Page 1, line 1, change the title as follows:

BEHIND THE EAR HEARING AID WITH FRONT PLATEHEARING AID
WORN BEHIND THE EAR, COMPRISING A FACE PLATE

Page 1, lines 3-4:

The invention relates to a hearing aid-according to the preamble of Claim 1.

Page 1, lines 15-16:

The goal of the invention is to improve a hearing aid according to the species so as to render it simple and inexpensive to manufacture.

#### In the Claims

Please amend claims 1-5 as follows.

- 1. A behind the ear hearing aid, comprising a housing having a housing shell, an electronic circuit, and a power storage unit, characterized in that the hearing aid (6) is constructed from a housing shell (1) and a multi-function plate designed as a front plate (4) and adapted to couple to the housing shell (1), in which wherein the multifunction plate includes the circuit or an access opening for one of the power storage unit and the electronic circuit is provided.
- 2. The hearing aid according to claim 1, characterized by a commercially available mass-produced front plate (4) which is provided wherein the multifunction plate is

Attorney Docket No. HHI-035US

<u>adapted</u> for use in an in-ear hearing aid and <u>which</u> is <u>modified</u> <u>constructed</u> <u>so as</u> to match <u>the</u> a contour of the housing shell <u>(1)</u>.

- 3. The hearing aid according to claim 1, characterized in that the multifunction plate is formed of a wherein the front plate (4) which is matched to the contour of the housing shell (1) in standard production.
- 4. The hearing aid according to one of claims 1 through 3claim 1, characterized in that wherein the housing shell (1) and the front plate (4) are joined in a detachable manner.
- 5. Use of a commercially available A front plate (4) intended for use in an in-ear hearing aid in a behind-the-ear hearing aid, the front plate (4) being modified such that said front plate matches the a contour of the a housing of the behind-the-ear hearing aid.

- 1 -

#### BEHIND THE EAR HEARING AID WITH FRONT PLATE

The invention relates to a hearing aid according to the preamble of Claim

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1.

Hearing aids worn behind the ear, hereafter abbreviated as BTE-devices, are commonly constructed of two housing shells in which separating walls form multiple separate chambers within the interior of the housing. The installation process is relatively complex and expensive – both in terms of inserting the power storage unit which must be externally accessible to the user as well as the electronic circuit, microphone, and loudspeaker. Specifically, adapting this type of hearing aid to various technologies, i.e. to different functional characteristics of the electronic circuit, often requires a complicated replacement of the individual components within the hearing aid.

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The goal of the invention is to improve a hearing aid according to the species so as to render it simple and inexpensive to manufacture.

This goal of the invention is achieved by a hearing aid with the features of Claim 1.

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The invention proposes, in other words, using a so-called front plate, which is also designated as a "faceplate" and which is well known, for example, in connection with in-ear hearing aids. Such hearing aids were disclosed, for example, in DE 81 06 942 U1 or DE 297 23 569 U1, while Patent Abstracts of Japan, E-489 March 13, 1987 Vol. 11. No. 83, Custom Ear Fitting Type Hearing Aid" JP-61-238 198 (A) discloses a hearing aid with such a faceplate which is designed as a combination plate or multifunction plate. This plate not only forms the visible exterior housing surface of the in-ear hearing aid, but additionally all technical devices of the hearing aid are connected to it in such a way that this front plate is simply surrounded by a housing cover which is modeled by an appropriate impression method and adapted to the user's ear.

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The use of an analogously designed multifunction front plate considerably simplifies the fabrication of a BTE device since only two modules need to be joined together, i.e. the housing shell and the front plate accommodating the technical components.

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Particularly when there are small production runs for such BTE devices, a commercially available mass-produced front plate may be advantageously employed which is normally provided for use in in-ear hearing aids, although with larger dimensions than the dimensions normally required for use in BTE devices. This front plate may easily be mounted on top of the housing shell of the BTE device to be produced, the technical components being accommodated by the housing shell. Any remaining overhanging edges of the front plate, which is usually made of plastic and easily worked, are ground off.

In the event the BTE devices are to be produced in greater production runs, a suitable shape may be achieved in an especially economical manner from the start by mass-producing the front plate such that its contour is adapted to the housing shells. The manufacturer of the front plates simply modifies the injection mold for the plastic so as to match the contour of the front plate to the contour of the housing shell.

Insertion of devices into the front plate so modified may thus be accomplished by the manufacturer in precisely the same ways as with previous conventional front plates.

An alternative approach is to reduce the dimensions of the initially larger front plate to the required contour matched to the housing shell immediately before the above-mentioned assembly stage. For example it may be advantageous in terms of inserting the electronic components to be able to pass the front plate in its previous larger dimensions through the automatic assembly machine. In this case, the front plate may be initially fabricated with the larger dimensions, fitted with the electronic components, and subsequently adapted in a cost-effective manner to the contour of the housing shell of a BTE device, for example, by using an automated punch or milling procedure. Excess material may then be removed before the front plate and housing shell are joined while retaining optimal accessibility of the front plate and without risking damage to the housing shell.

The housing shell and front plate may be advantageously joined in a detachable manner so that defective components may easily be replaced or they may be easily adapted to other desired technological properties of the hearing aid by completely replacing the front plate – with the result that in response to increasing miniaturization any manually performed operations on the hearing aid may be avoided and modules may be simply and quickly replaced.

The following discussion presents an embodiment of the invention in more detail based on the drawings.

Figs. 1 through 3 show various views of a housing shell;

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and

Fig. 4 shows a commercially available front plate for in ear hearing aids;

Figs. 5 and 6 show stages in the fabrication of a hearing aid according to the invention.

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Reference 1 in Fig. 1 identifies a housing shell, at the lower end of which housing shell 1 two projections 2 are indicated schematically. These may, for example, be: an on/off switch, a volume control, connector for a sound tube, or similar component.

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Fig. 2 shows housing shell 1 rotated 90° to show its narrow side.

Fig. 3 provides a view of housing shell 1 rotated a further 90° in which the trough-shaped interior 3 of housing shell 1 is visible, which interior serves to accommodate the technological components of the hearing aid.

Fig. 4 shows a front plate 4 which in practice is called a "faceplate" and which, serving as a multifunction plate, has not only a housing or covering function in the hearing aid but also accommodates the technological components of the hearing aid. Visible from the outside is the covering plate of a battery compartment; located on the reverse side of front plate 4 relative to Fig. 4 are the electronic circuit, a loudspeaker, and a microphone if required. As understood within the concept "hearing aid" used in this application, the term microphone may optionally include not only sound-amplifying devices but also sound-generating devices such as tinnitus treatment devices which do not their own built-in microphones.

Fig. 5 shows how front plate 4 is mounted on housing shell 1, the technological components being accommodated within trough-shaped interior 3. Protruding beyond the exterior contour of housing shell 1 are sections of front plate 4 which are subsequently removed by hand or by machine, e.g., ground away.

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Fig. 6 shows a hearing aid 6 after the excess sections of front plate 4 have been removed. It shows the exterior contour of housing shell 1, front plate 4 preferably being connected to housing shell 1 in a detachable manner, for example by a snap-on feature or possibly even a screw-based connection, such that in any case the removability of the "technical module" is realized in the form of front plate 4 and appropriate repairs or adjustments may be performed easily and quickly.

As a variation on the embodiment shown, a hearing aid 6 according to the invention may also be fabricated by first modifying the front plate to match the contour fitting the housing shell before the assembly stage in which the front plate is joined to housing shell 1. This may be achieved directly by matching the shape to the housing shell at the time the front plate is fabricated – with the result that no subsequent finishing, specifically no removal of excess areas of the front plate, is required, or this adaptation may be achieved by subsequent finishing before the front plate and housing shell are joined.

This type of modification may also include an arrangement of joining means on the front plate: for example, for screwing or clipping together, possibly also the generation of joining surfaces for adhesive bonding, ultrasonic welding, or the like, for joining the front plate to the housing shell.

### Claims

- 1. A behind the ear hearing aid, comprising a housing having a housing shell, an electronic circuit and power storage unit, characterized in that the hearing aid (6) is constructed from a housing shell (1) and a multi-function plate designed as a front plate (4) adapted to the housing shell (1), in which multifunction plate the circuit or access opening for the power storage unit is provided.
- 2. The hearing aid according to claim 1, characterized by a commercially available mass-produced front plate (4) which is provided for use in an in-ear hearing aid and which is modified so as to match the contour of the housing shell (1).
- 3. The hearing aid according to claim 1, characterized in that the multifunction plate is formed of a front plate (4) which is matched to the contour of the housing shell (1) in standard production.
  - 4. The hearing aid according to one of claims 1 through 3, characterized in that the housing shell (1) and front plate (4) are joined in a detachable manner.
- 5. Use of a commercially available front plate (4) intended for use in an inear hearing aid in a behind-the-ear hearing aid, the front plate (4) being modified such that said front plate matches the contour of the housing of the behind-the-ear hearing aid.





# (12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum Internationales Büro



# 

(43) Internationales Veröffentlichungsdatum 18. Januar 2001 (18.01.2001)

PCT

# (10) Internationale Veröffentlichungsnummer WO 01/05190 A2

11.

(51) Internationale Patentklassifikation7:

\_\_\_\_

Hans-Dieter [DE/DE]; Agnes-Miegel-Strasse

(21) Internationales Aktenzeichen:

PCT/DE00/02256

H04R 25/00

(22) Internationales Anmeldedatum:

4. Juli 2000 (04.07.2000)

(25) Einreichungssprache:

Deutsch

(26) Veröffentlichungssprache:

Deutsch

(30) Angaben zur Priorität:

199 30 935.3

7. Juli 1999 (07.07.1999) DE

299 15 308.8

1. September 1999 (01.09.1999) D

(71) Anmelder (fur alle Bestummungsstaaten mit Ausnahme von US): AURIC HÖRSYSTEME GMBH & CO. KG [DE/DE]; Osnabrucker Strasse 4-6, D-48429 Rheine (DE).

(72) Erfinder: und

(75) Erfinder/Anmelder (nur für US): BOROWSKY,

D-48485 Neuenkirchen (DE)

(74) Anwalt: HABBEL & HABBEL; Am Kanonengraben 11, D-48151 Munster (DE).

(81) Bestimmungsstaaten (national): CA, CN, JP, PL, TR, US.

(84) Bestimmungsstaaten (regional): europaisches Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

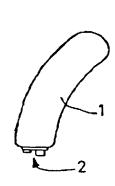
#### Veröffentlicht:

Ohne internationalen Recherchenbericht und erneut zu veroffentlichen nach Erhalt des Berichts.

Zur Erklarung der Zweibuchstaben-Codes, und der anderen Abkurzungen wird auf die Erklarungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regularen Ausgabe der PCT-Gazette verwiesen.



(54) Bezeichnung: HDO-HÖRGERÄT MIT FRONTPLATTE

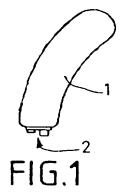


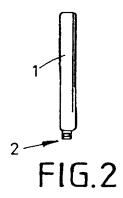
WO 01/05190 A2

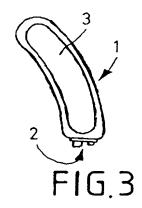
(57) Abstract: The invention relates to a hearing-aid, worn behind the ear, comprising a housing which has a housing shell, an electronic circuit and an energy accumulator. The invention is characterised in that the hearing aid is constructed from the housing shell and a multi-functional plate, which is known as a face plate and which is adapted in form to the housing shell. The circuit and an access opening for the energy accumulator are provided on the face plate.

(57) Zusammenfassung: Bei einem hinter dem Ohr tragbaren Hörgerät, mit einem eine Gehäuseschale aufweisenden Gehäuse, und mit einer elektronischen Schaltung, sowie mit einem Energiespeicher schlägt die Erfindung vor, dass das Hörgerät aus der Gehauseschale und einer an die Gehäuseschale angepassten, als Frontplatte bezeichneten Multifunktionsplatte aufgebaut ist, an welcher die Schaltung sowie eine Zugangsöffnung für den Energiespeicher vorgesehen ist.

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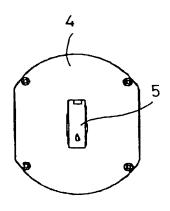


FIG.4

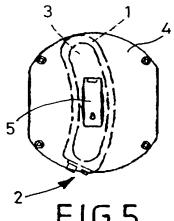


FIG.5

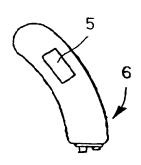


FIG.6

A66/24119 US

# DECLARATION, PETITION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(Check	one):	
	Declar	ration Submitted with Initial Filing
X	Declai	ration Submitted after Initial Filing
As a b	elow n	amed inventor, I hereby declare that:
My res	sidence	e, post office address and citizenship are as stated below next to my name,
origina	ıl, firs	n the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which ad for which a patent is sought on the invention entitled:
		BEHIND THE EAR HEARING AID WITH FRONT PLATE
the spe	ecifica	tion of which (check one):
	is atta	ached hereto.
	OF	<b>ર</b>
¥	was f	filed on 04 July 2000 as PCT International Application Number
	<u>PCT</u>	/DE00/02256 and was filed as U.S. Serial No. 10/019,839
		and was amended by PCT Article 19 Amendment on (if applicable).
		and was amended by PCT Article 34 Amendment on (if applicable).

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37. Code of Federal Regulations, §1.56.

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

#### PRIORITY CLAIM

(Cncci	(cone):
. 🗆	no such applications have been filed.

such applications have been filed as follows

1) FOREIGN PRIORITY CLAIM: I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Country	Forcign Filing Date	Priority Not	1	icd Copy tached
Number(s)		(dd/mm/yyyy)	Claimed	Yes	No
199 30 935.3	DE	07 July 1999 (07.07.1999)			×
299 15 308.8	DE	1 September 1999 (01.09.1999)			区

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto.

2) PROVISIONAL PRIORITY CLAIM: I hereby claim the benefit under Title 35, United States Code §119(c) of any United States provisional application(s) listed below.

Provisional Application Number(s)	Filing Date (dd/mm/yyyy)

Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

3) U.S./PCT PRIORITY CLAIM: I hereby claim the benefit under Title 35, United States Code, §120 of any United States application or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (dd/mm/yyyy)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

#### POWER OF ATTORNEY:

-3-

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

James E. Cockfield Thomas V. Smurzynski Ralph A. Loren Giulio A. DeConti, Jr.	Reg. No. 19,162 Reg. No. 24,798 Reg. No. 29,525 Reg. No. 31,503	Jeremiah Lynch David J. Rikkers Maria C Laccotripe	Reg. No. 17,425 Reg. No. 43,882 Limited Recognition Under 37 C.F. § 10.9(b)
Ann Lamport Hammitte	Reg. No. 34,858	Debra J. Milasincic	Reg. No. 46,931
Elizabeth A. Hanley	Reg. No. 33,505	David R. Burns	Reg. No. 46,590
Amy E. Mandragouras	Reg. No. <u>36,207</u>	Sean D. Detweiler	Rcg. No. 42,482
Anthony A. Laurentano	Reg. No. 38,220	Cynthia L. Kanik	Rcg. No. 37,320
Kevin J. Canning	Reg. No. 35,470	Theodore R. West	Reg. No. 47,202
Jane E. Remillard	Reg. No. <u>38,872</u>	Shayne Y. Huff	Reg. No. 44.784
DeAnn F. Smith	Reg. No. <u>36,683</u>	Hathaway P. Russell	Reg. No. 46,488
Peter C. Lauro	Reg. No. 32,360	Daniel B. Ko	Reg. No. <u>47 332</u>
Jeanne M. DiGiorgio	Reg. No. 41,710	John S. Curran	Reg. No. P50,445
Megan E. Williams	Reg. No. 43,270		

Send Correspondence to:

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Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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